

Fall 2020 & Spring 2021 Schedule

AMS Climate Studies

AMS Climate Studies course investigations are self-contained in the Investigations Manual or complimented by Current Climate Studies activities posted to the RealTime Climate Portal during fall and spring semesters.

The first three Current Climate Studies activities will be posted before the beginning of fall and spring semesters to accommodate the starting date at different institutions. The AMS semester begins with Investigations Manual 1A and 1B and *CCS 1. The Physical Basis for Earth's Climate System* are be addressed in the Climate News.

Each week, as a new CCS activity is posted, the oldest will be moved to the Archives. All archived CCS are available for the rest of the academic year. The Archive also includes the previous year.

Each new Current Climate Studies activity will be posted on Monday mornings. Current Climate Studies answer keys and Respondus® files will be posted to the faculty website on the same schedule.

Please note that for Fall 2020, **Break Week** falls on October 12. CCS 9 will not be posted until October 19.

Fall 2020

| Monday | Current Climate Studies | Topic |
|---------------|--------------------------------|--|
| Aug 3 | 1, 2, 3 | (see 1, 2, and 3 below for topic titles) |
| - | - | -- |
| Aug 31 | 1, 2, 3 | <i>1. Physical Basis for Earth's Climate System</i> |
| Sept 7 | 2, 3, 4 | <i>2. Visiting Global Climate Change & Impacts Study Resources</i> |
| Sept 14 | 3, 4, 5 | <i>3. Highlights and Key Findings about Climate & Climate Change</i> |
| Sept 21 | 4, 5, 6 | <i>4. Climate Change: Planetary and National Perspectives</i> |
| Sept 28 | 5, 6, 7 | <i>5. Fourth National Climate Assessment: Part I & II</i> |
| Oct 5 | 6, 7, 8 | <i>6. Westerlies and the Jet Stream</i> |
| Oct 12 | 6-8 | Fall Break |
| Oct 19 | 7, 8, 9 | <i>7. Atmosphere-Ocean Relationships</i> |
| Oct 26 | 8, 9, 10 | <i>8. Natural & Anthropogenic Drivers of Climate</i> |
| Nov 2 | 9, 10, 11 | <i>9. Climate Change Impacts on U.S.: Water Resources</i> |
| Nov 9 | 10, 11, 12 | <i>10. Future Projections & Extremes of Climate Change</i> |
| Nov 16 | 11, 12, 13 | <i>11. Climate Change Impacts on U.S.: Agriculture & Ecosystems</i> |
| Nov 23 | 12, 13, 14 | <i>12. Responding to Climate Change: Adaptation & Mitigation</i> |

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Spring 2021

| Monday | Current Climate Studies | Topic |
|---------------|--------------------------------|--|
| By Jan 15 | 1, 2, 3 | (see below for topic titles) |
| - | - | -- |
| Jan 25 | 1, 2, 3 | <i>1. Physical Basis for Earth's Climate System</i> |
| Feb 1 | 2, 3, 4 | <i>2. Visiting Global Climate Change & Impacts Study Resources</i> |
| Feb 8 | 3, 4, 5 | <i>3. Highlights and Key Findings about Climate & Climate Change</i> |
| Feb 15 | 4, 5, 6 | <i>4. Climate Change: Planetary and National Perspectives</i> |
| Feb 22 | 5, 6, 7 | <i>5. Fourth National Climate Assessment: Part I & II</i> |
| Mar 1 | 6, 7, 8 | <i>6. Westerlies and the Jet Stream</i> |
| Mar 8 | 6-8 | Break Week |
| Mar 15 | 7, 8, 9 | <i>7. Atmosphere-Ocean Relationships</i> |
| Mar 22 | 8, 9, 10 | <i>8. Natural & Anthropogenic Drivers of Climate</i> |
| Mar 29 | 9, 10, 11 | <i>9. Climate Change Impacts on U.S.: Water Resources</i> |
| Apr 5 | 10, 11, 12 | <i>10. Future Projections & Extremes of Climate Change</i> |
| Apr 12 | 11, 12, 13 | <i>11. Climate Change Impacts on U.S.: Agriculture & Ecosystems</i> |
| Apr 19 | 12, 13, 14 | <i>12. Responding to Climate Change: Adaptation & Mitigation</i> |